Format No: CP/TF/01

TEST RESULTS OF STEEL

Date: 25-08-2018

Lab ID	:	**CP-2018-08-24-08**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-08-2018
Sample ID No	:	2018-08-24-08 /04
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	24-08-2018

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	19.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	670	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	19.0%	Satisfactory	Satisfactory

Note:

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TEST REPORT OF PRECAST COVER SLAB

Format No: CP/TF/01

Lab ID	:	**CP-2018-08-24-08**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore. **Date: 28-08-2018**
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-08-2018
Sample ID No	:	2018-08-24-08 /06
Sample Type /Size	:	Precast Cover Slab 10cm thick
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	24/08/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.24	100.36	1.326	4445	78.8	17.7	16.5	20.6
2	Cover Slab-2	75.33	100.73	1.311	4456	77.3	17.3	16.1	20.2
3	Cover Slab-3	75.59	100.18	1.278	4487	79.5	17.7	16.5	20.6

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Certificate No.: TC- 9548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/09/2018

Lab ID	:	**CP-2018-04-21-02**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /01
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	04/09/2018	150.22 X 150.34 X 150.25	22584	8.281	275.5	12.2	12.5
2	M15 cubes	M15	28/08/2018	04/09/2018	150.32 X 150.34 X 150.45	22599	8.291	282.5	12.5	
3	M15 cubes	M15	28/08/2018	04/09/2018	150.32 X 150.24 X 150.25	22584	8.301	291.3	12.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	**CP-2018-04-21-02**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore. **Date: 25/09/2018**
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /02
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	25/09/2018	151.90 X 150.54 X 150.18	22867	8.443	393.3	17.2	17.4
2	M15 cubes	M15	28/08/2018	25/09/2018	150.64 X 151.26 X 150.76	22786	8.055	403.3	17.7	
3	M15 cubes	M15	28/08/2018	25/09/2018	149.15 X 150.98 X 149.19	22518	8.300	391.8	17.4	

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Certificate No. : TC- 9548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-04-21-02

Date: 04/09/2018

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14

Agency : Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.

Customer's Reference : EE/DD/WO/395/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 21-04-2018

Sample ID No : 2018-04-21-02 /01

Customer ID : M15 cubes

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	04/09/2018	151.44 X 150.35 X 150.47	22769	8.175	289.2	12.7	12.6
2	M15 cubes	M15	28/08/2018	04/09/2018	150.63 X 150.41 X 150.76	22656	8.163	269.6	11.9	
3	M15 cubes	M15	28/08/2018	04/09/2018	149.63 X 151.43 X 151.05	22658	8.169	296.8	13.1	

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Certificate No : TC-3548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CPTT/01

Lab ID	:	**CP-2018-04-21-02**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore. **Date: 25/09/2018**
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /02
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	25/09/2018	149.63 X 151.47 X 150.27	22664	8.186	392.1	17.3	17.4
2	M15 cubes	M15	28/08/2018	25/09/2018	149.68 X 149.63 X 151.05	22397	8.201	396.4	17.7	
3	M15 cubes	M15	28/08/2018	25/09/2018	150.85 X 149.66 X 150.07	22576	8.163	386.1	17.1	

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Certificate No : TC- 5648

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 04/09/2018

Lab ID	:	**CP-2018-04-21-02**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /01
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	04/09/2018	150.05 X 149.26 X 151.52	22395	8.546	279.9	12.5	12.5
2	M15 cubes	M15	28/08/2018	04/09/2018	151.49 X 149.25 X 150.53	22610	8.148	289.4	12.8	
3	M15 cubes	M15	28/08/2018	04/09/2018	149.64 X 149.86 X 151.70	22424	8.296	273.6	12.2	

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	CP-2018-04-21-02
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at Muneshwaranagara in Bagalagunte in Ward no.14
Agency	:	Sri. DR. Ramesh Babu, No.1884/7, 6th 'A' Block, Rajajinagara, 2nd Stage, Bengaluru-560010.
Customer's Reference	:	EE/DD/WO/395/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	21-04-2018
Sample ID No	:	2018-04-21-02 /02
Customer ID	:	M15 cubes
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/09/2018

Date: 25/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M15 cubes	M15	28/08/2018	25/09/2018	151.42 X 150.35 X 150.28	22766	8.175	382.5	16.8	17.3
2	M15 cubes	M15	28/08/2018	25/09/2018	151.44 X 150.39 X 150.25	22775	8.198	391.7	17.2	
3	M15 cubes	M15	28/08/2018	25/09/2018	150.47 X 150.66 X 150.69	22670	8.135	405.8	17.9	

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